

CLAIMS

What is claimed is:

1. A method for rf power amplifying which comprises:
 - a) series connecting upper and lower solid-state current devices;
 - b) said series connecting comprises connecting a lower-voltage terminal of said upper solid-state current device to an rf choke, and connecting said rf choke to a higher-voltage terminal of said lower solid-state current device;
 - c) separately amplifying rf signals in said solid-state current devices at a selected frequency;
 - d) rf decoupling said solid-state current devices;
 - e) said rf decoupling step comprises providing a capacitance between said lower-voltage terminal and an electrical ground; and
 - f) said rf decoupling step further comprises making an rf effective series resistance of said capacitance lower than that of any porcelain capacitor that resonates at said selected operating frequency.